

Applicant: YOSHINAGA *et al.*

Serial No: 10/766,472

Filing Date: January 29, 2004

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**AMENDMENTS TO THE DRAWINGS:**

The enclosed one (1) attached sheet of drawings replace the sheet depicting FIG. 3 that were originally filed with the above-identified application.

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### **REMARKS**

In response to the Office Action mailed March 26, 2007 (hereinafter "Office Action"), claims 1-4 have been amended and are currently pending. Support for the instant amendments is provided throughout the as-filed specification. Thus, no new matter has been added. In view of the foregoing amendments and following comments, allowance of all the claims pending in the application is respectfully requested.

### **INFORMATION DISCLOSURE STATEMENT**

Applicants thank the Examiner for considering the references cited in the Information Disclosure Statements filed on January 29, 2004 and August 12, 2005, as evidenced by the signed and initialed copy of the PTO-1449 Form returned with the Office Action.

### **DRAWINGS**

The Drawings have been objected to as failing to comply with 37 C.F.R. §1.84(p)(5) because Figure 3 allegedly include reference characters not mentioned in the description. In response, a replacement sheet depicting Figure 3 is attached to this response. Accordingly, withdrawal of the drawing objections is earnestly sought.

### **CLAIM OBJECTIONS**

The Examiner has objected to claim 3 for allegedly containing informalities. In response, claim 3 has been amended. Accordingly, withdrawal of the claim objections is earnestly sought.

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**REJECTIONS UNDER 35 U.S.C. §102**

Claims 1 and 4 stand rejected under 35 U.S.C. §102(e) as allegedly being anticipated by U.S. Patent No. 5,870,698 to Riedel *et al.* ("Riedel"). Claims 1-4 stand rejected under 35 U.S.C. §102(b) as allegedly being anticipated by U.S. Patent No. 5,461,570 to Wang *et al.* ("Wang"). Applicants respectfully traverse these rejections for at least the reason that neither Riedel nor Wang explicitly nor impliedly discloses each of the elements of claims 1-4.

A patent claim is anticipated if a prior art reference discloses, either expressly or inherently, all of the limitations of the claim. Applicants disagree with the propriety of the rejection. However, solely in an effort to expedite prosecution, claims 1-4 have been amended to clarify points of novelty over Riedel and Wang. With this said, claim 1 is directed to a display device of an injection molding machine that operates in accordance with an operating condition and recites, *inter alia*, a storage process unit which stores history data indicative of the change in the operating condition and the state of the operating quality corresponding to the change and a unit which displays the history data in claim 1.

Riedel discloses a multi-purpose machine and monitoring apparatus capable of monitoring both analog and digital input signals generated by the machine being monitored. *See*, column 4, lines 36-39 of Riedel. Specifically, the cited portions of Riedel disclose a machine monitoring apparatus including a numeric or alpha-numeric keypad having a display such as a touch screen display or LCD that allows a machine operator to enter and monitor desired data, e.g., machine operator number, mold number, setup times, job status, other define events, calibration and real-time input data including pressures, temperatures, cycle counts, cycle durations and parts counts. *See*, column 4, lines 56-63 of Riedel.

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Wang discloses a quality control system for a contact lens manufacturing facility that automatically acquires process control data from a plurality of manufacturing process controllers that control contact lens production and that can automatically process the data for real-time display and off-line analysis purposes. *See*, column 1, line 64 – column 2, lines 2 of Wang. Specifically, the cited portions of Wang disclose a plurality of operator stations 400 including display server 404 and user interface manager 502 which are connected by a network 99 to an offline analysis node 500, a data acquisition node 100. *See*, Figure 1 of Wang.

Thus, the cited portions of Riedel and Wang do not disclose a display device of an injection molding machine that operates in accordance with an operating condition and recites, *inter alia*, a storage process unit which stores history data indicative of the change in the operating condition and the state of the operating quality corresponding to the change and a unit which displays the history data. Therefore, the cited portions of Riedel and Wang fail to anticipate claim 1 *at least* because they fail to disclose all the features of claim 1. Claim 2 and 3 are patentable over Wang at least by virtue of their dependency from claim 1, and for the additional features they recite.

Claim 4 is directed to a history collecting system and recites, *inter alia*, a unit which reads history data indicative of a change in the operating condition and a state of an operating quality corresponding to the change in the operating condition from the display device using the communication unit in claim 4. The cited portions of Riedel and Wang fail to anticipate claim 4 *at least* because they fail to disclose all the features of claim 4.

Thus, Applicants respectfully request that the rejections under 35 U.S.C. §102(e) and (b) be withdrawn and the claims be allowed.

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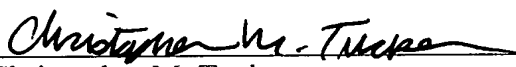
**CONCLUSION**

Having addressed each of the foregoing rejections, it is respectfully submitted that a full and complete response has been made to the outstanding Office Action and, as such, the application is in condition for allowance. Notice to that effect is respectfully requested.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Date: **June 26, 2007**

Respectfully submitted,

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